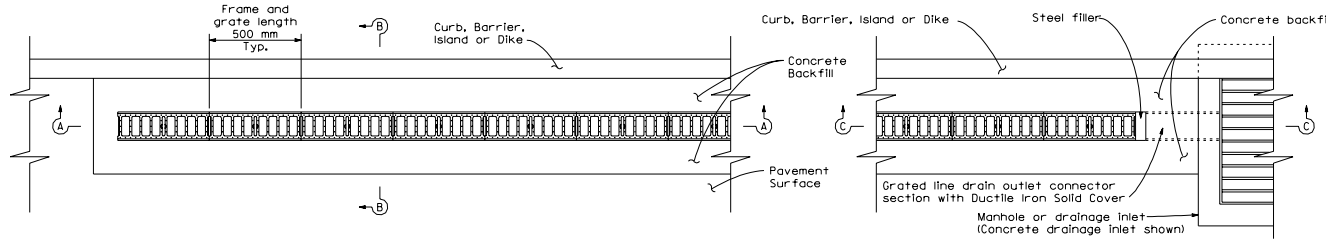




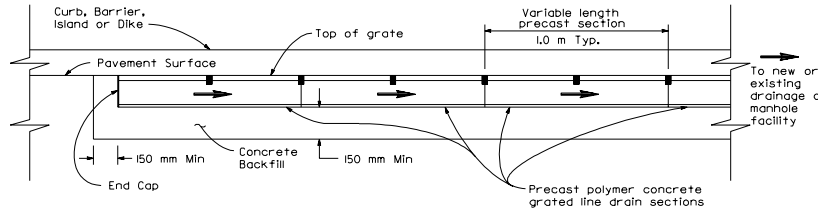
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Paul R. Davis  
 REGISTERED CIVIL ENGINEER  
 July 1, 1999  
 PLANS APPROVAL DATE  
 No. 52193  
 Exp. 12-31-02  
 CIVIL  
 STATE OF CALIFORNIA  
 REGISTERED PROFESSIONAL ENGINEER

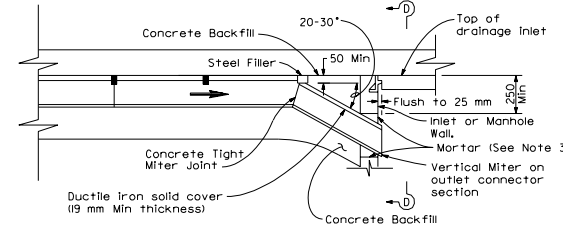
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



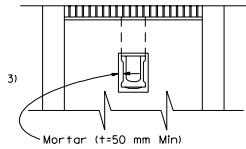
GRATED LINE DRAIN PLAN



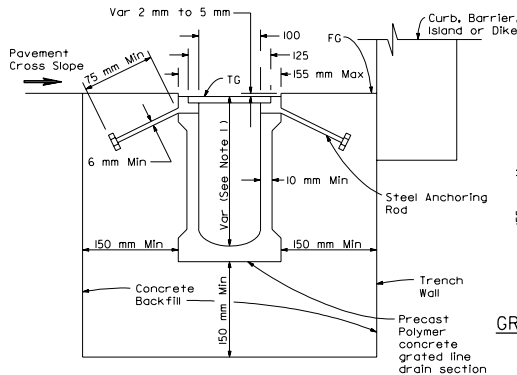
SECTION A-A  
(See Note 1)



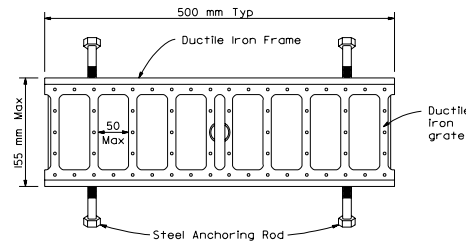
SECTION C-C



SECTION D-D



SECTION B-B  
(Precast grated line drain with non-integral frame)  
See Note 6



GRATED LINE DRAIN FRAME AND GRATE DETAIL

See Notes 4, 5 and 6

## NOTES

1. Precast polymer concrete drain sections are available in non-sloped uniform depth sections (135 mm to 400 mm) or in 0.6 percent pre-sloped sections with graduated depths from 135 mm to 400 mm. See Project Plans for trench sections to be installed.
2. Nominal dimensions shown. Allowable tolerance  $\pm 2\%$ .
3. For GMP inlet connection, field joint sealed with a pliable mixture of sand, portland cement and emulsified asphalt (mixture of 1 part portland cement, 3-5 parts sand and  $1\frac{1}{2}$  part SSI emulsified asphalt).
4. Within designated pedestrian paths of travel, the maximum grate opening in the direction of pedestrian traffic shall be 127 mm.
5. Grate patterns may vary from detail shown. See Special Provisions for requirements.
6. Steel anchoring rods not used when frame is integral with polymer concrete grated line drain section.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

## GRATED LINE DRAIN DETAILS

NO SCALE  
ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

D98C